

XP-002143439

AN - 1991-182438 [25]
A - [001] 014 028 03- 034 04- 074 081 147 198 231 244 245 252 259 316 336
374 392 398 402 408 409 414 431 432 445 477 532 537 55& 57- 597 600
603 678 688 720
AP - JP19890249418 19890926 JP19890249418 19890926; [Previous Publ.
J03111497]
CPY - KAOS
DC - A97 D25
DR - 1740-U
FS - CPI
IC - C11D3/14 ; C11D3/20 ; C11D3/22 ; C11D3/38 ; C11D11/00 ; C11D17/06
KS - 0013 0217 0229 0231 0486 0487 1279 1588 1974 1989 1990 2007 2318 2336
2386 2393 2422 2427 2440 2509 2575 2701 2718 2729 3253
MC - A11-B05D A12-W05 A12-W12A A12-W12B D11-B
PA - (KAOS) KAO CORP
PN - JP3111497 A 19910513 DW199125 000pp
- JP2815925B2 B2 19981027 DW199848 C11D11/00 006pp
PR - JP19890249418 19890926
XA - C1991-079000
XIC - C11D-003/14 ; C11D-003/20 ; C11D-003/22 ; C11D-003/38 ; C11D-011/00 ;
C11D-017/06
AB - J03111497 Coating particles for detergents, a water suspension contg.
water-soluble or only slightly water-soluble fine particles and a
water-soluble film-forming substance(s) is introduced into detergent
particles fluidised or stirred within a coating appts., and the
resultant particles coated with the suspension are dried.
- The particles of the suspension are pref. 0.05-10 microns in average
grain size. The coating appts. is pref. one of fluidised beds, coating
pans, fluidised granulators, and stirring granulators.
- The detergent particles are pref. those of enzymes, bleaching agents,
bleaching auxiliaries, perfumes, and/or surfactants. The particles of
the suspension are pref. those of calcium carbonate, titanium dioxide,
magnesium carbonate, and/or zeolite. The film-forming substance is
pref. one or a mixt. of polyvinyl alcohol, cellulose derivs., starch
derivs., polyethylene glycol, or acrylic polymer.
- USE/ADVANTAGE - The method produces less coarse particles reduces the
adhesion of particles to the appts., and achieves a high yield of
particles of desirable grain sizes. The coated particles dissolve well
and have high storage stability. (6pp Dwg.No.0/0)
IW - COATING PARTICLE DETERGENT INTRODUCING WATER SUSPENSION CONTAIN SLIGHT
WATER SOLUBLE PARTICLE FILM FORMING SUBSTANCE DETERGENT PARTICLE
IKW - COATING PARTICLE DETERGENT INTRODUCING WATER SUSPENSION CONTAIN SLIGHT
WATER SOLUBLE PARTICLE FILM FORMING SUBSTANCE DETERGENT PARTICLE
NC - 001
OPD - 1989-09-26
ORD - 1991-05-13
PAW - (KAOS) KAO CORP
TI - Coating of particles for detergent - by introducing a water suspension
contg. (slightly) water-soluble particles and film forming substance
to detergent particles, etc.